

**AMENDMENTS TO THE SPECIFICATION:**

Please cancel the current Abstract and replace it with the following new

Abstract:

**Abstract of the Disclosure**

A method for controlling rock drilling and a rock drilling arrangement having at least one feed channel of a feed actuator provided with a restrictor, which causes a pressure drop if the penetration rate increases and, consequently, a flow through the restrictor increases. A pressure difference and an increase in the penetration rate can be detected by sensing the pressure before the restrictor and after the restrictor. When the feed rate increases, a hydraulic system is arranged to decrease percussion pressure.